YP-R0

MP3 Player
user manual

imagine the possibilities

Thank you for purchasing this Samsung product. To receive a more complete service, please register your product at

www.samsung.com/register

SAMSUNG

Using this manual

- Some of the contents in this manual may differ from your MP3 player depending on the firmware installed. Some of the contents may be changed without prior notice.
- Your MP3 player and screens may differ from the illustrations in this manual.
- To view the special features of your MP3 player, see "Special features of your MP3 player" on page 3.
- To view troubleshooting, see "Troubleshooting" on page 48.

Icons used in this manual

Icon	Description
Note	Notes, usage tips, or additional information
Caution	Safety warnings and precautions
< >	Menu names or text on the screen ; for example: <Yes>
[ ]	Buttons; for example: [↩] (represents the Back button)

Safety information

This manual describes how to properly use your new MP3 player. Read it carefully to avoid damaging the player and injuring yourself. Pay particular attention to the following serious warnings.

PROTECT YOURSELF

- Do not disassemble, repair, or modify this product on your own.

- Do not get the product wet or drop it in water. If the product gets wet, do not switch it on because you could get an electric shock.
- Do not use the product during a thunderstorm, as it may cause malfunction or a risk of electric shock.

- Do not use the earphones while you are driving a bicycle, automobile or motorcycle.
  It can cause a serious accident, and furthermore, is prohibited by law in some areas.
  Using the earphones while walking or jogging on a road, in particular, on a crosswalk can lead to a serious accident.
- For your safety, make sure the earphone cable does not get in the way of your arm or other surrounding objects while you are taking exercise or walking.

- Do not place the product in damp, dusty, or sooty areas because these environments could lead to fire or electric shock.

- Do not use the product if the screen is cracked or broken. Broken glass or acrylic could cause injury to your hand or face. Bring the product to a Samsung service centre to replace the screen. Damage caused by careless handling will void the warranty.

PROTECT YOURSELF

WARNING

- Using earphones or headphones for an extended time may cause serious damage to your hearing.
  If you are exposed to sound louder than 85db for an extended time, you may adversely affect your hearing. The louder the sound is, the more seriously damaged your hearing may be (an ordinary conversation is between 50 to 60 db and road noise is approximately 80 db).
  You are strongly advised to set the volume level to medium (the medium level is usually less than 2/3 of the maximum).
- If you feel a ringing in your ear(s), lower the volume or stop using the earphones or headphones.

WARNING

- Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

PROTECT YOUR MP3 PLAYER

WARNING

- Do not leave the player in temperatures above 35° C (95° F), such as a sauna or a parked car.
- Do not cause excessive impact on the player by dropping it.
- Do not place heavy objects on top of the player.
- Prevent any foreign particles or dust from entering into the product.
- Do not place the product near magnetic objects.

CAUTION

- Be sure to backup important data. Samsung is not responsible for data loss.
- Use only accessories provided by or approved by Samsung.

CAUTION

- Do not spray water on the product. Never clean the product with chemical substances such as benzene or thinner, as it may cause fire, electric shock or deteriorate the surface.

- Failure to follow these instructions may lead to physical injuries or damage to the player.

- When printing this user manual, we recommend that you print in color and check “Fit to Page” in the print option for better viewing.

Special features of your MP3 player

Listen to true three-dimensional sound with the Samsung Digital Natural Sound engine (DNSe™)

Download and play high-quality videos in various formats

Play a slideshow with your pictures and use your player as a digital frame

Use the text viewer to open and view text documents without corruption

Listen to your favourite radio stations anytime

Use memory cards to extend the capacity of your player and store more contents

YP-R0

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Use basic functions

Learn to perform basic operations with your player.

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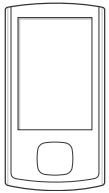
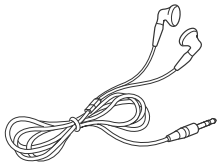
What's included

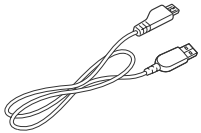
Check your product box for the following items:



MP3 player



Earphones

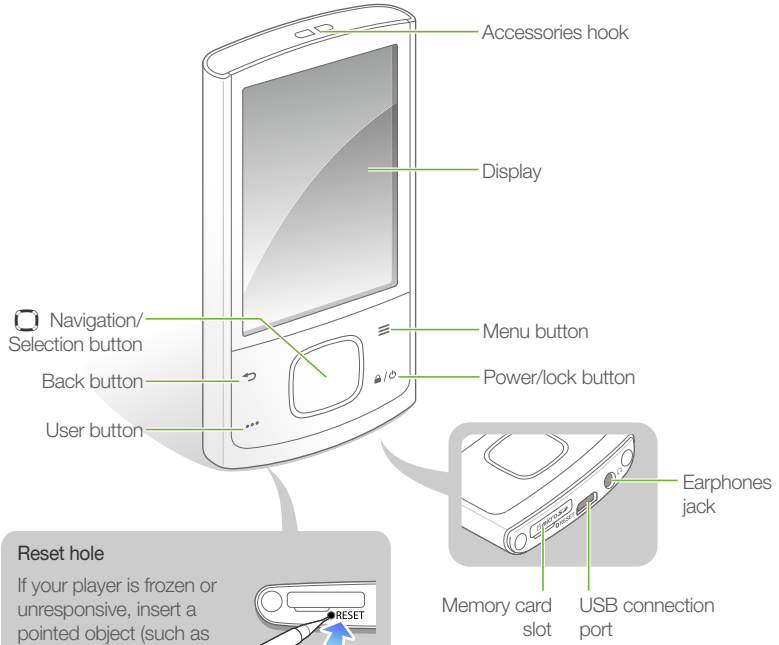


USB cable

Note

- The items supplied with your player may appear different from the illustrations in this manual.
- You can obtain additional accessories from your local Samsung dealer.

Your MP3 player

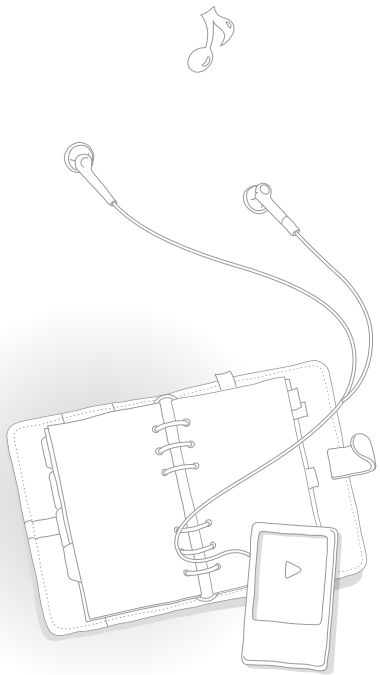


Reset hole

If your player is frozen or unresponsive, insert a pointed object (such as a toothpick or paper clip) into the reset hole.
The system will be initialised.
You can also reset your player by pressing and holding [/] for more than 10 seconds.

Button functions

Button	Function	
Back	• Return to the previous screen • Return to the main menu screen (press and hold)	
Menu	Open a list of options available in the current menu	
User	• Rewind 10 seconds during video playback • Repeat a section of a track during music playback • Zoom in on the picture screen • Change the font size on the text screen	
Power/lock	• Turn your player on and off (press and hold) • Lock the buttons	
Navigation/ Selection		Scroll up, down, left, or right on the screen
	(Centre)	• Select the highlighted menu or option • Begin or pause playback
	(Up/Down)	Adjust the volume
	(Left/Right)	• Skip to the previous/next file • Move to the previous/next page • Search backward/forward (press and hold)



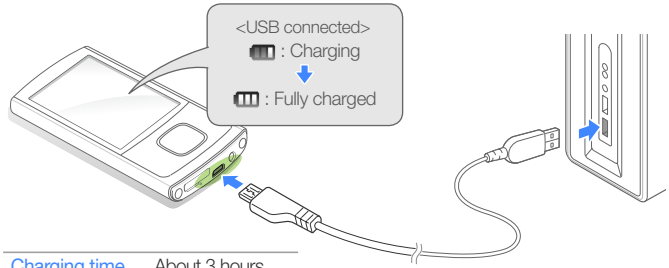
Connect to a PC and charge the battery

Connect your player to a PC and charge the battery before you use your player for the first time or when you have not used it for a long time.

Caution

The rechargeable battery incorporated in this product is not user replaceable. For information on its replacement, please contact your service provider.

1. Connect the smaller end of the USB cable to the USB connection port at the bottom of your player.
2. Connect the larger end of the USB cable to the USB port of a PC.



Charging time	About 3 hours

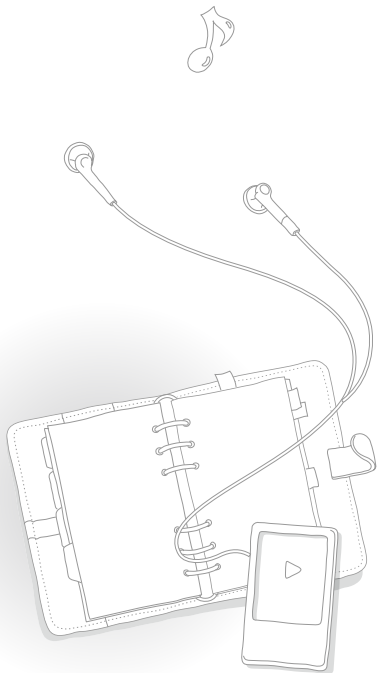
3. When the battery is fully charged, unplug the USB cable from your player and the PC.

About batteries

- Charge and store the battery at 5˚ C ~ 35˚ C (41˚ F ~ 95˚ F).
- Do not charge the battery for more than 12 hours or leave the battery fully discharged for a long time. Doing so may shorten the battery life.
- Depending on how you use your player, actual battery life may vary and may be shorter than specified.

Note

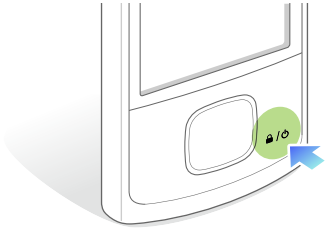
- The charging time may differ depending on your PC's capabilities.
- If you want to charge the battery on your laptop, make sure that the laptop's battery is full or the laptop is plugged into a power source.
- The player can only be charged by connecting to your PC with the USB cable. Do not use a separate USB AC Adapter as it may not charge the battery or allow proper operation of the player.



Turn your player on and lock the buttons

Turn your player on or off

Press and hold [🔒/⏻] to turn your player on or off.



Note

If you do not use your player for 5 minutes, it will automatically turn off.

Lock or unlock the buttons

Lock the buttons to prevent any unwanted operations while listening to music or playing videos. Press [🔒/⏻] to lock or unlock the buttons.

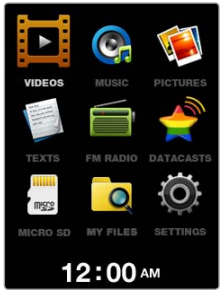
Note

When the buttons are locked, 🔒 will appear at the top of the screen.

Access menus from the main menu screen

Select menus from the main menu screen.

When you turn on your player, the main menu screen appears and you can access menus or functions from the main menu screen.



▲ Main menu screen

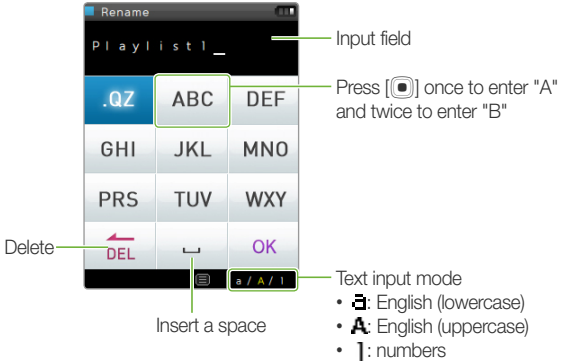
1. In the main menu, use [▢] to scroll to a menu you want and press [◉].
2. Press [▢] to scroll to an item and press [◉].
3. Use the menu you select.
4. Press [↩] to return to the previous screen.
   - Press and hold [↩] to return to the main menu screen.

Enter text

Enter text using the virtual keyboard.

To rename a playlist, for example:

1. Select a music playlist, and then press [☰] and select <Rename>. See page 28.
2. Select a button which has a character you want to enter.
   - To delete characters, select DEL.
   - To change the text input mode, press [☰].



3. When you are finished, select <OK>.

Manage media files

Download media files to your player, and search for or delete files stored in your player.

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Download media files

Download media files from a PC to your player.

Caution

To avoid damage to your player and corruption of your files, do not disconnect the USB cable while files are being transferred.

Supported file formats and PC requirements

Supported files

Menu	Supported files
VIDEOS	Video files
MUSIC	Music files
PICTURES	Image and picture files
TEXTS	Text files

Note

For supported file formats, see "Specifications" on page 50.

Recommended PC requirements

CPU	Pentium 500 MHz or higher
Operating System	Windows XP/Vista
Others	• Resolution 1024 X 768 or higher • Microsoft DirectX 9.0 or later • Internet Explorer 6.0 or later

Download files with EmoDio

You can easily download various media files with EmoDio.

Note

- For information about installing EmoDio on a PC, refer to the Quick Start Guide supplied with your player.
- EmoDio will be regularly upgraded for peak performance. Some features of EmoDio may change without prior notice.

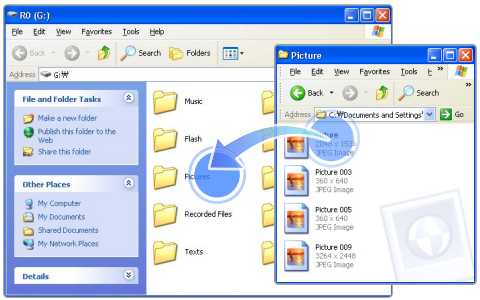
1. Connect your player to a PC using the USB cable.
   - See page 10 to connect the player to your PC.
   - When the player is connected to your PC, EmoDio launches automatically on your PC.
2. Click <My PC> on the main screen of EmoDio.
3. Click <Add Folder> or <Add File> at the bottom of the My PC screen.
   - The list of the files stored in your PC appears.
4. Select a folder or file you want.
5. Select a file you want on the My PC screen and click .
   - The selected file is copied to your player.

Note

- You cannot use your player when connected to a PC.
- If you connect your player to a PC when the player's battery is low, the battery will be charged for a few minutes before your player will be connected to the PC.
- If you connect your player to a PC via a USB hub, the PC may not recognise your player. Connect your player directly into the USB port of a PC.
- When you format your player on a PC, use the FAT32 system. In Windows Vista, click <Restore device defaults> and then format your player.
- Music recognition technology and related data are provided by Gracenote® and Gracenote CDDB® Music Recognition Service℠.
- CDDB is a registered trademark of Gracenote. The Gracenote logo and logotype, the Gracenote CDDB logo and logotype, and the “Powered by Gracenote CDDB” logo are trademarks of Gracenote. Music Recognition Service and MRS are service marks of Gracenote.

Download files using your player as a removable disk

1. Connect your player to a PC using the USB cable.
2. On your PC, open <My Computer> and then the <R0> folder.
3. Select a folder you want.
4. Copy files from the PC to your player.



Note

- The order of files on your PC will differ from the order of files in your player.
- Your player restricts playback of files protected by a DRM (Digital Rights Management) system.

What is DRM?

Digital Rights Management (DRM) is a technology and service to prevent illegal copies of the digital contents and protect the profit and rights of copyright holders or content producers.

Disconnect your player from a PC

Carefully follow the steps below when disconnecting your player from a PC to avoid data loss or damage to your player.

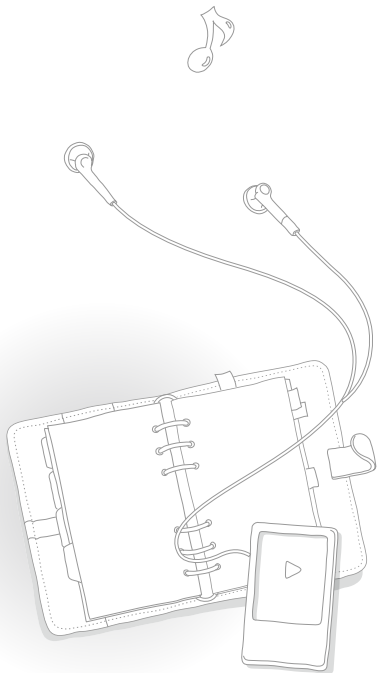
1. Click on the Windows taskbar.

2. Click the pop-up message.

3. Unplug the USB cable from your player and the PC.

Caution

- To avoid damage to your player and corruption of your files, do not disconnect the USB cable while files are being transferred.
- Do not disconnect your player when playing files stored in your player on a PC. Make sure that you stop playback and then disconnect your player from a PC.



Manage files

Search for files in folders and delete files from your player.

Search for files

1. In the main menu, select .
2. Select a folder from the list.

3. Scroll through the file list.
4. Select a file you want.

Delete files

1. Select a folder from the list.
2. Select a file you want to delete and press [☰].
3. Select <Delete>.
4. Select <Yes> from the pop-up window.

Play video and music

Transfer music and video files to your player using the EmoDio program or a removable disk, and then play high-quality video files and listen to music in excellent 3D surround sound.

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VIDEOS

Play video files in your player.
To download files, see "Download media files" on page 16.

Play video files

1. In the main menu, select .
2. Select a video file from the list.
   - The screen changes to landscape mode.
3. Control playback using the following buttons. See "Video playback screen."

To	Do this
Skip to the previous file or the next file	Press [/] • If you press [ ] 3 seconds after the file plays, the playback will restart
Search backward or forward in a file	Press and hold [/]
Rewind 10 seconds	Press [•••]
Pause or resume playback	Press [ ]

(While in landscape mode)

Note

- When you download unsupported files to your player with EmoDio, EmoDio will automatically convert the file formats so you can play them in your player.
- You can play subtitle files (.smi) with video files in your player. Subtitle files must be saved with video files to play in the same folder and the file name must be the same as the video file.

Video playback screen

No.	Description
1	File name
2	Playing status
3	Elapsed playing time / Total playing time
4	Playing progress bar

Play a video from a chapter

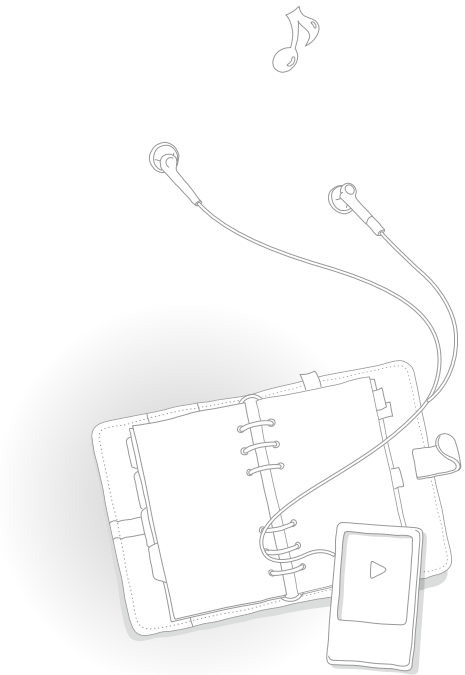
Press and hold [◉] during video playback. Your player will split the video file into 15 chapters and capture still images from each chapter. When you select one of the still images, the video will begin playback from that point.

Select to return to the previous screen

Use the video options

1. During video playback, press [☰].
2. Customise the following options.

Option	Description
Brightness	Adjust the brightness of the screen.
DNSe	Select appropriate sound effects for videos.
Mosaic Search	Divide a video file into 15 chapters. You can select one of the chapters and start playback from that chapter.



MUSIC

Play music files stored in your player.
To download files, see "Download media files" on page 16.

Note

If the file library is updated, your player will clear the list of files displayed in <Recently Added> and <Most Played>.

Listen to music

Music files are categorised in folders by type. You can easily find a music file you want.

Music category	Function
Artists	Display files by artist.
Albums	Display files by album.
Songs	Display files by file name (in the order of special characters, numbers, and alphabets).
Genres	Display files by genre.
Playlists	Display playlists you created.
Recently Added	Display files you recently downloaded.
Most Played	Display files you play most often.
Music Browser	Display all files in the Music folder.
Unknown	Display files that have no track information (ID3 tag).

What is ID3 tag?

ID3 tag is a metadata container attached to MP3 files. It includes information for the music, such as the title, artist, album, or track number, which can be displayed on a music player's screen during playback.

Play music files

1. In the main menu, select .
2. Select a music category.
   - To play the file you last played, select <Now Playing>.
3. Select a file to play.
4. Control playback by using the buttons.
   See "Music playback screen."

To	Do this
Skip to the previous or next file	Press [◯/◯] • If you press [◯] 3 seconds after the file plays, the playback will restart
Search backward or forward	Press and hold [◯/◯]
Pause or resume playback	Press [◉]

Music playback screen

No.	Description
1	Playing status
2	Repeat mode
3	Playback image
4	Song title, artist, album title
5	Elapsed playing time / Total playing time
6	Playing progress bar

Repeat a section of a track

You can select a section of a track to repeat.

1. Press [•••] at the beginning of the section you want to repeat.
   - <A →> displays at the top of the screen.
2. Press [•••] at the end of the section you want to repeat.
   - <A ↔ B> displays at the top of the screen. Your player repeats the marked section.
3. To cancel repeating, press [•••] again.

Note

You can set the end point 3 seconds after the start point.

Apply a sound effect (DNSe)

1. During music playback, press [☰].
2. Select <DNSe>.
3. Select a sound effect you want.
   - If you select <Auto>, your player will search the track information (ID3 tag) and automatically select an appropriate effect.
   - To select your own equaliser, select <myDNSe 1> or <myDNSe 2>. See "myDNSe" on page 43.

What is DNSe?

Digital Natural Sound Engine (DNSe) is a group of sound effects for MP3 players, developed by Samsung. It provides various sound settings to enhance the music you are listening to.

Create your own playlists

You can create your own playlist by adding music files you want. There are 5 default playlists.

Add music files to a playlist

1. From the music category list, select a file you want to add to a playlist and press [☰].
2. Select <Add to Playlist>.
3. Select a playlist to add the file.

Note

To add the currently playing file to a playlist, press [☰] and select <Add to Playlist>.

Delete music files from a playlist

1. From the music category list, select <Playlists>.
2. Select a playlist that has a file you want to delete.
3. Select a file you want to delete and press [☰].
4. Select <Delete from Playlist>.
   - To delete all files, select <Delete All from Playlist>.
   - The file will not be deleted from your player even if it is deleted from the playlist.

Rename a playlist

1. From the music category list, select <Playlists>.
2. Select a playlist you want to rename and press [☰].
3. Select <Rename>.
4. Change the name of the playlist.
   For entering text, see page 14.

Use the music options

1. During music playback, press [☰].
2. Customise the following options.

Option	Description
Add to Playlist	Add the currently playing music file to the playlist.
DNSe	Select appropriate sound effects for music.
Play Option	– <Play Mode>: Change the repeat mode. – <Play Speed>: Change the playback speed. – <Skip Interval>: Set the interval when you press [◯] during music playback. **Note** Some files may not skip at the interval you selected.
Music Play Screen	Change the image that displays during music playback. **Note** Your player supports less than 2 MB of cover images.

Note

You cannot select a sound effect and change the playback speed if you are playing a music file in Ogg Q10 format.

Use additional applications

Learn how to work with your player's additional applications.

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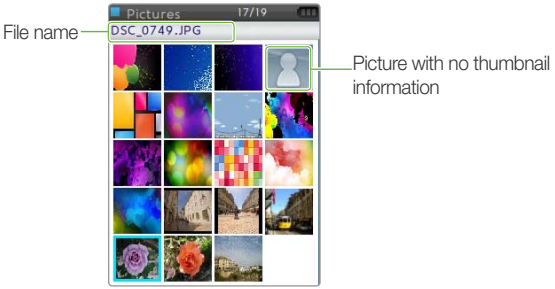
PICTURES

View pictures stored in your player.
To download files, see "Download media files" on page 16.

View pictures

1. In the main menu, select .
2. Browse pictures.



3. Select a picture you want. The picture displays on the full screen.

4 View the picture.

To	Do this
Move to the previous or next file	Press [◁/▷]
Zoom in	Press [•••] • Press [◁▷] to move on the enlarged picture • Press [↩] to exit the zoom mode

Note

- If the picture size is large, it may take some time to display.
- If you press [☰] on the picture screen while a music file is playing or paused, the mini player will appear. If you were listening to the FM radio, the FM radio will start automatically when the mini player appears.

Play a slideshow

You can create and play a slideshow with your pictures.

1 From the file list, press [☰].
2 Select <Start Slideshow>.
3 View pictures in a slideshow.
4 To stop slideshow, press [↩].

Set a picture as a wallpaper

1 From the file list, select a picture and press [☰].
2 Select <Set as My Skin>.
3 Select <Yes> from the pop-up window.

TEXTS

You can use the text viewer to view text files (.txt) stored in your player.
To download files, see "Download media files" on page 16.

View text files

1. In the main menu, select .
2. Select a text file from the list.
3. View the document.

File name
DNSe3.0 Overv
1.4%
Percent of progress in the document
< Overview >
DNSe 3.0 : Music That Comes Alive
Samsung Electronics Co., Ltd. is one of the fastest growing global brands, and a proven leader in semiconductor, telecommunication, digital media and digital convergence technologies.
Page bar

To	Do this
Move to the previous or next page	Press [◯/◯]
Change the font size	Press [•••]

Note

If you press [☰] on the text screen while a music file is playing or paused, the mini player will appear. If you were listening to the FM radio, the FM radio will start automatically when the mini player appears.

Insert a bookmark

You can insert a bookmark on the page you want and go to the bookmark to view that page of a document.

1. Go to the page you want to bookmark and press [☰].
2. Select <Bookmark> and then <Add Bookmark>.
   - A bookmark is inserted to the top left of the screen.

Note

- You can insert one bookmark per text file.
- To go to a bookmark, press [☰] and select <Bookmark> and then <Go to Bookmark>.
- To delete a bookmark, press [☰] and select <Bookmark> and then <Delete Bookmark>.

Change the background style

You can change the background style of the text viewer.

1. On the text screen, press [☰].
2. Select <Viewer Theme>.
3. Press [◉] to change the background style.

FM RADIO

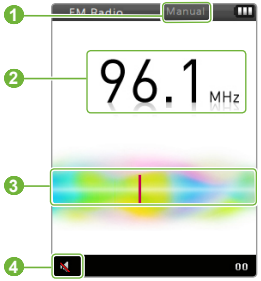
You can listen to the FM radio as well as save radio stations.

Note

You must connect the earphones to your player to listen to the FM radio. The earphones serve as a radio antenna.

Listen to the FM radio

1. In the main menu, select .
2. Press [▢] to scan the radio stations.
   - Press [▢/▢] to scroll through radio frequencies.
   - Press and hold [▢/▢] to scan the available stations automatically.
3. Listen to the FM radio.



1	Radio mode (Manual mode/Preset mode)
2	Frequency for the current station
3	Frequency bar
4	Mute indicator – Press [●] to mute or unmute the FM radio

Note

The FM radio may not tune frequencies for stations correctly depending on the signal status of your current region.

Save radio stations

You can save your favourite radio stations to easily access them.

Save the current radio station

1. In Manual mode, press [☰].
2. Select <Add to Preset>.

Save radio stations automatically

You can automatically search for available radio stations and save them as your favourites. You can save up to 30 radio stations.

1. In Manual mode, press [☰].
2. Select <Auto Preset>.
3. Select <Yes> from the pop-up window.
   - Automatic tuning begins. The radio stations located are saved in your favourites.

Listen to a favourite radio station

1. In Manual mode, press [☰].
2. Select <Go to Preset Mode>.

3. Select a radio station you want.

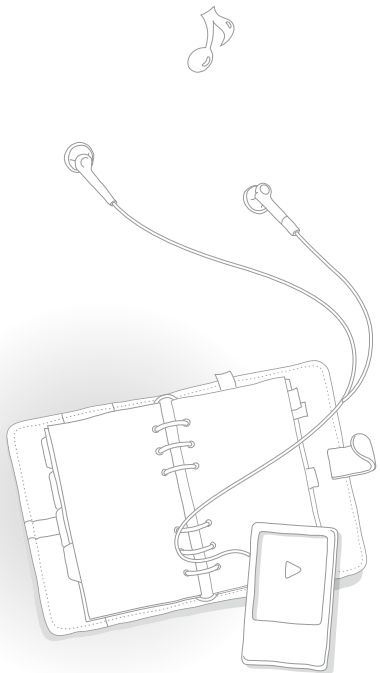
Use the FM radio options

You can change options for using the FM radio.

1. From the FM radio screen, press [☰].
2. Customise the following options.

Option	Description
Go to Preset Mode*	Switch to Preset mode
Go to Manual Mode**	Switch to Manual mode
Add to Preset*	Save the current radio station.
Delete from preset**	Delete a saved radio station.
Auto Preset	Search for and save available radio stations automatically (up to 30).
FM Region	Re-tune frequencies according to your region. **Note** • This option may not be available depending on your region. • If you change the region, the previously saved stations will be deleted.

* Available only in Manual mode
** Available only in Preset mode



DATACASTS

When you have registered RSS addresses of your favorite news website, UCC, or blogs on EmoDio, you can view various contents.

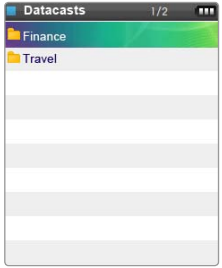
Note

For more information about Datacasts, see the Help of EmoDio.

What is RSS?

RSS is a standardised XML file format used to publish and deliver to users or readers frequently-updated works, such as news or blog entries.

1. In the main menu, select .
2. Select a channel folder you want.



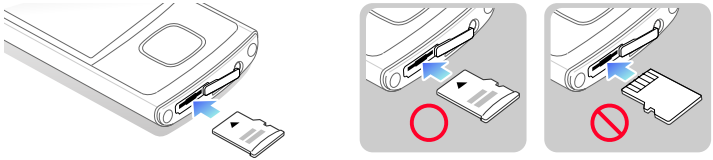
3. Select the content you want to view.
4. View the content.

MICRO SD

To store additional files, you must insert a memory card. You can search for files in the memory card and delete files from the memory card.

Insert a memory card (optional)

1. Open the cover of the memory card slot and insert a memory card.
   - Insert the memory card with the label side facing up.



2. Push the memory card in the memory card slot until it locks in place.
   - When the memory card is correctly inserted, will appear at the top of the main menu screen.

Caution

- Your player accepts microSD™ or microSDHC™ memory cards from 1 GB to 16 GB. (Use only memory cards compatible with your player. Depending on the manufacturer, some memory cards may not be compatible with your player.)
- Do not insert a memory card in the wrong direction.
- Do not remove a memory card from your player while in use.
- Remember to make backup copies of all important data stored on memory cards. The manufacturer's warranty does not cover loss of data that results from user actions.

Remove a memory card

To remove a memory card, push it gently until it disengages from the player, and then pull the memory card out of the memory card slot.

Manage files in a memory card

Search for files

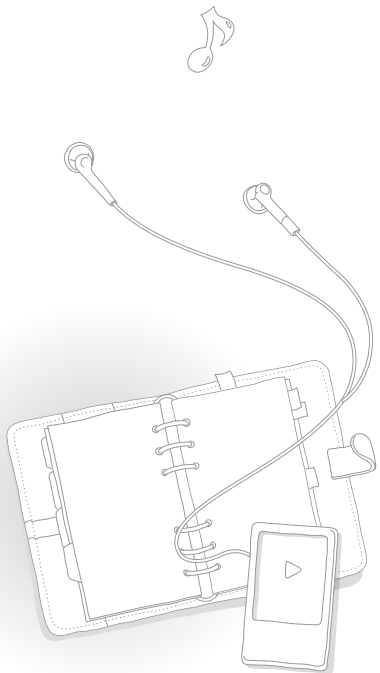
1. Insert a memory card.
2. In the main menu, select .
   - The list of folders saved in the memory card appears.
3. Select a folder you want.
4. Scroll up or down on the file list.
5. Select a file you want.

Note

You cannot open files unsupported by your player.

Delete files

1. Select a folder you want from the inserted memory card.
2. Select a file you want to delete and press [☰].
3. Select <Delete>.
4. Select <Yes> from the pop-up window.



Customise settings

Change your player's settings to match your preferences.

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Display settings 43
Language settings 43
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System settings 44

Settings

You can change your player's settings.

1. In the main menu, select .
2. Select a setting menu you want to customise.

Menu	Description
Sound	Set sound settings
Display	Set display settings
Language	Set language settings
Date&Time	Set the current time and date
System	Set system settings

3. Select an option.
4. Change the settings.

Sound settings

Menu	Description
Street Mode	Set to make the music sound clearer by filtering out ambient noise.
Audio Upscaler	Set to upscale low resolution audio files for improved sound quality.
myDNSe	Set up your own equaliser (DNSe) to customise sounds to your preference.
Beep Sound	Turn the beep sound on or off when you press the buttons.
Wise Volume	Set to limit the volume of the earphones to protect your hearing. – <Off>: You can adjust the volume as you want. If you increase the volume over level 15 and restart your player, the player will turn on at volume level 15 to protect your hearing. – <On>: Your player displays a warning message when you are exposed to a high level of volume for a long period of time. Your player automatically decreases the volume to a moderate level.
Master EQ	Optimise the sound settings for your earphones. Adjust frequencies for the equaliser.

Display settings

Menu	Description
Menu Design	Change the style of the main menu screen.
Theme Color	Select an effect for highlighting the selected item on the list.
Font	Select a font type for the display text.
Display Off Time	Set how long the screen stays on when not in use.
Brightness	Adjust the brightness of the screen.
Reset My Skin	Restore the wallpaper image.

Language settings

Menu	Description
Menu Language	Select a language for the display text.
Contents Language	Select a language to display the contents stored in your player.

Date and time settings

Set the current time and date.

Scroll to a unit and press [ ] to change the time or date. To save the time and date, press [ ].

System settings

Menu	Description
My Info	Enter personal information, such as your name and birthday. **Note** Your name will be displayed on the screen when your player is turned on. On your birthday, the message "Happy birthday" will be displayed.
Sleep	Set to automatically turn off your player after a specified period of time.
Library Update	Update the file library. Use this option after changing the language to display the contents (select <Settings> → <Language> → <Contents Language>) when file names do not display correctly in your player.
Default Set	Restore all settings to the factory settings.
Format	Delete all data and files stored in your player. **Note** Remember to make backup copies of all important data stored in your player. The manufacturer's warranty does not cover loss of data that results from your use of the player.

Menu	Description
DivX Registration code	Check the DivX registration code for your player. **Note** ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video. ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in the device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD. Devices certified to play DivX video at the Mobile profile: “DivX Certified to play DivX® video up to 320x240”

Menu	Description
About	Check the system information of your player. – <Firmware>: View the version of the firmware installed in your player. – <Memory>: View the total amount of memory, and the amount of memory being used and remaining. **Note** Regarding the Built-In Memory 1 GB = 1,000,000,000 bytes : actual formatted capacity may be less as the internal firmware uses a portion of the memory.

Appendix

View the maintenance, specifications, and troubleshooting for your player.

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Maintenance of your player

Carefully read the following to properly clean, store, or dispose of your player.

Cleaning

- When your player is dirty, wipe your player with a soft, clean and dry cloth.
- Do not apply cleaners to your player's surface. This may cause damage or affect the performance of the player.
- Do not clean your player with gasoline, benzene, thinner, WD-40, or other chemicals. This may cause damage to your player’s surface.

Storing

Store your player in a well-ventilated area.

Disposing

- Dispose of wrapping materials, batteries, and electronic devices separately.
- The wrapping materials include paper and two kinds of plastics (PC, PE).

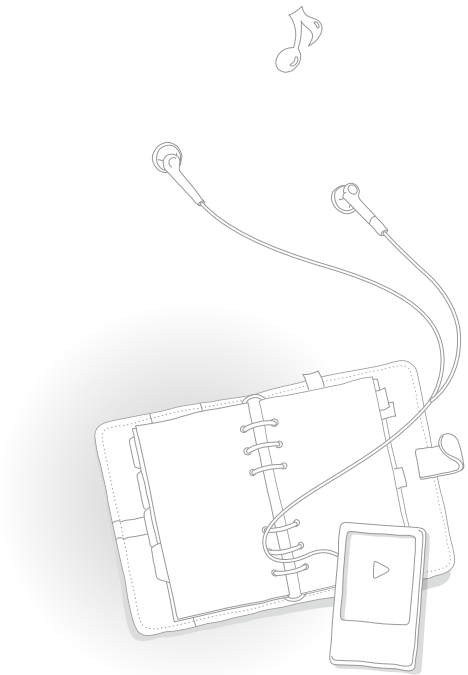
Troubleshooting

When you have a trouble using the player, try the following before contacting a service centre.

Problem	Solution
My player will not turn on.	• Your player will not turn on if the battery is completely drained. Recharge the battery and turn the player on again. • Press the reset button to reset your player.
The buttons do not work.	• Check if the buttons are locked. • Check if the buttons correspond to the functions you want to activate. • Press the reset button to reset your player.
The screen does not display anything.	• The screen may not be visible under the direct rays of the sun. • The screen turns off automatically after the period of time you set in <Display Off Time> has elapsed.
My player turns off automatically.	If you do not use your player for 5 minutes after you pause the playback, it will automatically turn off.
The battery running time is different from what is written in the user manual.	• The battery running time may differ depending on the current sound mode or display settings. • The battery running time may shorten when your player was left in a high or low temperature.
EmoDio will not work on a PC.	Check if your PC meets PC requirements. See "Recommended PC requirements."

Problem	Solution
My player will not connect to a PC.	Run Windows Update on the PC. Select key updates and service packs and update all. When the update is completed, reboot the PC and reconnect.
The file transfer is too slow.	Format your player in <Settings> → <System> → <Format> and try again. End all programs you are not using. Running multiple programs simultaneously can slow down the file transfer rate.
My player will not play any files.	• Check if any playable files are stored in your player. • Check the size of the files to play. Your player will not play more than 2 GB files. • Check if the files are damaged. • Check the battery remaining.
I cannot download files to my player.	• Check if the USB cable is correctly connected. Reconnect it. • Check if the memory is full. • Press the reset button to reset your player.
Files or data are missing.	Check if you disconnected the USB cable while transferring files or data. This can cause data loss or fatal errors in your player. Samsung is not responsible for any damages resulting from data loss.

Problem	Solution
The playing time does not display correctly during playback.	This is normal if the currently playing file is of the VBR (Variable Bit Rate) format.
The file name does not display correctly.	Change the language setting in <Settings> → <Language> → <Contents Language> and then update the file library.
My player is getting hot to the touch.	Charging the battery can heat up your player. It does not affect the player's life or capabilities.
My player does not play a video file but display an error message.	Retransfer the video file with EmoDio.

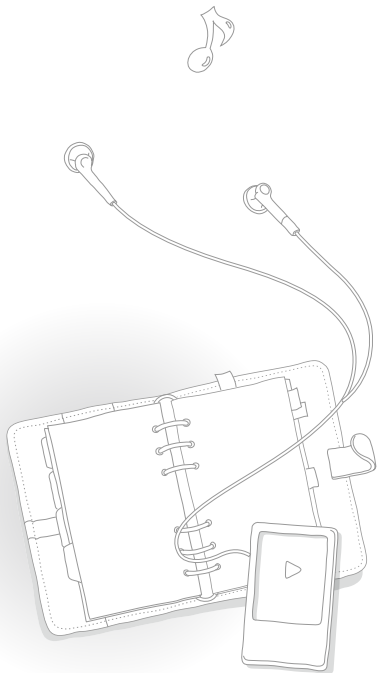


Specifications

<table>
<tr><td>Model Name</td><td colspan="4">YP-R0</td></tr>
<tr><td>Rating</td><td colspan="4">DC 5.0V / 1A</td></tr>
<tr><td rowspan="11">File</td><td>Audio</td><td colspan="3">• MPEG1/2/2.5 Layer 3 (8 kbps ~ 320 kbps, 8 kHz ~ 48 kHz)
• WMA (12 kbps ~ 320 kbps, 16 kHz ~ 48 kHz)
• Ogg (32 kbps ~ 400 kbps, Q0 ~ Q10, 8 kHz ~ 48 kHz)
• AAC-LC (8 kbps ~ 320 kbps, 8 kHz ~ 48 kHz)
• AAC+ (8 kbps ~ 320 kbps, 8 kHz ~ 48 kHz)
• Enhanced-AAC-Plus (8 kbps ~ 320 kbps, 8 kHz ~ 48 kHz)
• FLAC (level 0 ~ 8, 16 kHz ~ 48 kHz)
• WAV (wav standard, 8 kHz ~ 48 kHz)</td></tr>
<tr><td rowspan="10">Video</td><td></td><td>Video</td><td>Audio</td></tr>
<tr><td>AVI/SVI</td><td>• MPEG4 (Max.720 X 480) Advanced Simple Profile@Level 5
• Divx3/4/5/(Max. 720 X 480)
• Xvid (Max. 720 X 480)
• H.264/AVC (Max. 720 X 480) High Profile@Level3.0</td><td>MP3/AAC/AAC+</td></tr>
<tr><td></td><td>WMV9 (MAX 720 X 480) Advanced Profile@level1</td><td>WMA</td></tr>
<tr><td>MP4</td><td>• MPEG4 (Max.720 X 480) Advanced Simple Profile@Level 5
• H.264/AVC (Max. 720 X 480) High Profile@Level 3.0</td><td>MP3/AAC/AAC+</td></tr>
<tr><td>WMV/ASF</td><td>WMV9 (MAX 720 X 480) Advanced Profile@level1(vc1)</td><td>WMA</td></tr>
<tr><td>MOV</td><td>• MPEG4 (Max.720 X 480) Advanced Simple Profile@Level 5
• H.264/AVC (Max. 720 X 480) High Profile@Level 3.0</td><td>AAC/AAC+</td></tr>
<tr><td colspan="3"></td></tr>
<tr><td colspan="3"></td></tr>
<tr><td colspan="3"></td></tr>
<tr><td colspan="3"></td></tr>
<tr><td>Image</td><td colspan="3">JPEG (Baseline, Progressive), BMP (MAX32Bit), PNG, Gif (89a/87a)</td></tr>
</table>

Earphones Output		20 mW/Ch. (based on 16 Ω)
Output Frequency Range		20 Hz ~ 20 kHz
Signal to Noise Ratio		90 dB with 20 kHz LPF (based on 1 kHz, 0 dB)
Supported Number of Files/Folders		File: Max. 5000 Folder: Max. 5000 (including File)
Playing Time		Music: 30 hours (MP3 128 kbps, Volume level 15, Normal sound mode, Display off) Video: 6 hours (Brightness 3, Volume level 15, Normal sound mode, SVI)
Temperature Range for Operation		-5˚ C ~ 35˚ C (23˚ F ~ 95˚ F)
Case		Aluminum, Acrylic, Plastic
Weight		60 g
Dimensions (WxHxD)		52 X 93 X 8.8 mm
FM Radio	FM T.H.D	1 %
	FM Signal to Noise Ratio	50 dB
	FM Useable Sensitivity	38 dBμ

* Some of the contents in this manual are subject to change without prior notice for further improvement.



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Component	License
Linux Kernel 2.6.24	GPL 2.0
MSC application	GPL 2.0
Video for Linux Two header file	BSD 2.0

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File-backed USB Storage Gadget, for USB development

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Video for Linux Two header file

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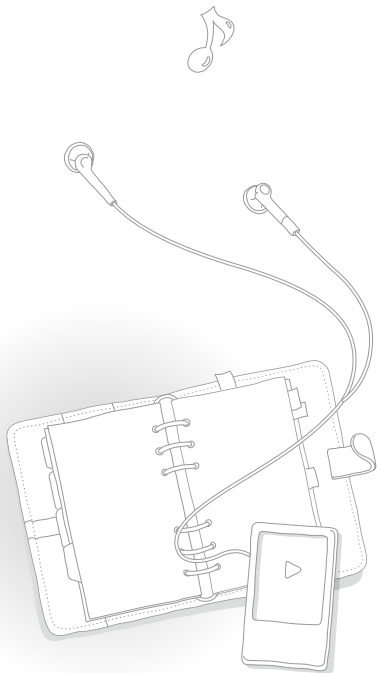

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